

Amendments to the Claims:

The following Listing of Claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

1. (Currently Amended) A fluoropolymer comprising a melt-processable perfluorinated fluorothermoplastic, in the form of melt-pellets, having less than 0.05 ppm extractable metal ions.
2. (Currently Amended) A fluoropolymer comprising a melt-processable perfluorinated fluorothermoplastic, in the form of melt-pellets, having less than 0.5 ppm extractable fluoride ions and less than 0.02 ppm heavy metals.
3. (Currently Amended) A fluorothermoplastic-polymer according to claim 1 wherein the fluorothermoplastic containing-has less than 30 unstable end groups per 10^6 carbon atoms.
4. (Currently Amended) A fluorothermoplastic-polymer according to claim 3 wherein the fluorothermoplastic containing-has less than 0.02 ppm extractable ions.
5. (Original) A fluoropolymer according to claim 1 wherein the extractable ions comprise ions selected from the group consisting of iron, chrome, nickel and vanadium.
6. (Currently Amended) A fluorothermoplastic-polymer according to claim 3 wherein the unstable end groups comprise end groups selected from the list consisting of $-\text{COOH}$, $-\text{COF}$ and $-\text{CONH}_2$.
7. (Original) Articles for use in the semi-conductor industry comprising a fluoropolymer according to claim 1.